Jolh Fee 4/16

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 31520 SDG No. MY05K8 SDG Nos. To Follow _____ Date Recvd 3/27/03

EPA Lab ID: Bonner

Lab Location: MS

Region: IX Audit No.: 2103-96

Re-Submitted CSF? Yes ___ No ✓

Box No(s): _____

COMMENTS:

#14&15- AIRBILL NOT SIGNED AND DATED BY LABORATORY.

NOTE: FORMS DC-2-1 & DC-2-2 NOT CHECKED BY LABORATORY.

Over for additional comments.

ITEMS	YES	NO	N/A
3.5" DISKETTE	✓		
CUSTODY SEALS			
1. Present on package?	✓		
2. Intact upon receipt?	✓		
FORM DC-2			
3. Numbering scheme accurate?	✓		
4. Are enclosed documents listed?	✓		
5. Are listed documents enclosed?	✓		
FORM DC-1			
6. Present?	✓		
7. Complete?	✓		
8. Accurate?	✓		
CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	✓		
10. Dated?	✓		
TRAFFIC REPORT(s) PACKING LIST(s)			
11. Signed?	✓		
12. Dated?	✓		
AIRBILLS/AIRBILL STICKER			
13. Present?	✓		
14. Signed?		✓	
15. Dated?		✓	
SAMPLE TAGS			
16. Does DC-1 list tags as being included?		✓	
17. Present?			✓
ALL DOCUMENTS			
18. Activities identified?	✓		
19. Legible?	✓		
20. Original?	✓		
20a. If "NO," does the copy indicate where original documents are located?			✓

Received by: Beth Fentas, RSCC — Rich Freitas, RSCC — Date 3/27/2003
Signature — Printed Name/Title

Audited by: Stan Kott — STAN KOTT / ESAT — Date 4/15/03
Signature — Printed Name/Title

TO BE COMPLETED BY CEAT

Date Recvd by CEAT: ___/___/___ Date Entered: ___/___/___ Date Reviewed: ___/___/___

Entered by: _____ _____

Reviewed by: _____ _____
Signature — Printed Name/Title

4716

2033359

Rose Fong

11/08/04 02:19 PM

To: Matt Mitguard
cc:
cc:
Subject: Transmittal of Jalk Fee and Continental Heat Treating CLP data packages

The enclosed data packages are being sent to you for archiving with your site files. The data validation was completed by ESAT and the reports were previously sent to you.

CASE	SDG
4716 Jalk Fee	
31520	Y0SK8 & SL3 MY0SK8 & SL3
5194 Continental Heat Treating	
31519	Y0SH9 & SJ2 MY0SH9

Bonner Analytical Testing Company

2703 Oak Grove Road, Hattiesburg, MS 39402
Phone: (601) 264-2854 Fax: (601) 268-7084

Additional Data Submission

Case: 31520
SDG: MY0SK8

The Following additional information concerning this SDG has been resolved. The issues brought to the Laboratory's attention are listed below.

1. Laboratory reports for cyanide MDL and CRQL Values: Attached
2. Drying time and oven temperatures for the percent solids: Attached
3. Equation used to calculate reported sample results: Included under cyanide section of the Amended SDG Narrative.
4. Form 12, Preparation Log for method DS2 (midi-distillation) for addition of magnesium chloride: Included under cyanide section of the amended SDG Narrative.
5. Logbook pages for cyanide analysis to provide reference numbers for the calibration standards and QC Standard, and certificates of traceability for relevant calibration standards: Attached

RECEIVED:
6-16-03
SK/ESAT

Bonner Analytical Testing Company

2703 Oak Grove Road, Hattiesburg, MS 39402
Phone: (601) 264-2854 Fax: (601) 268-7084

CASE NARRATIVE:

SDG Number: MY0SK8
Case Number: 31520
Contract Number: 68W02067

Sample Receipt:

Samples were received at BATCO on 03/20/03 by FedEx and processed by the Sample Custodian. See email pages 49 through 51, for discrepancies found during sample receiving.

The following discrepancies were found:

1. Scheduling notice listed 8 samples, 4 water & 4 soil. Lab received 5 soil samples and 4 water samples. TR/COC indicated that the case was not complete.

   Resolution: Region 9 indicated that 3 extra samples (water) were required and should be received 03/21/03. This was not known in advance. The lab was advised to proceed with analysis of all samples.

2. Custody seals were present and intact but no custody seal numbers, just dates and times.

   Resolution: Lab may proceed, samplers used regular custody seals provided by Region 9.

3. No Samples tags listed on TR/COC and no sample tags on containers.

   Resolution: Region 9 does not used sample tags. SMO instructed Bonner to continue with analysis.

4. The TR/COC indicates the case is not complete.

   Resolution: Per Region 9, the lab will wait for remaining samples before assigning SDG numbers.

Cyanide:

The distillation of the samples included the addition of approximately 2 mL of magnesium chloride solution through the top air inlet tube of the distillation head into the reaction flask in accordance to SOW ILM05.2, Exhibit D, Section 10, 10.2.4.2.7.

Sample Calculation for reported results:

$$\frac{[Results(\mu g/L) * Vol(L)]}{SampleWt(g)} \Big/ PercentSolids$$

CSF:

No discrepancies

Authorized by: _____

Steve Flowers
Quality Assurance Officer

In Reference to
Case 31520 SDG #: MY0SK8

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Telephone Record Log

Date of Call: APRIL 23, 2003

Laboratory Name: Bonner Analytical Testing Co. (BONNER)

Lab Contact: Chris Bonner

Region: 9

Regional Contact: Steve Remaley, CLP PO

ESAT Reviewer: Stan Kott, ESAT/ICF-LDC

Call Initiated By: ___ Laboratory X Region

In reference to data for the following samples:
SDG No.: MY0SK8
Samples: MY0SK8, MY0SK9, and MY0SL0 through MY0SL2

Summary of Questions/issues Discussed:

The following items were noted during the review of this sample delivery group (SDG). Please respond within 4 days as specified in Exhibit B, Section 2, 2.2 of the ILM05.2 Statement of Work (SOW). Send response and resubmissions to ICF Consulting, Inc./Laboratory Data Consultants, Inc., Environmental Services Assistance Team, Region 9, 1337 S. 46th Street, Building 201, Richmond, CA 94804, FAX 510 412-2304.

1. The laboratory reports cyanide MDL and CRQL values of 0.01 mg/Kg and 1.0 mg/Kg, respectively, for preparation method DS2. The data reviewer calculated MDL and CRQL values of 0.10 mg/Kg and 0.50 mg/Kg, respectively. Please review calculation described in SOW ILM05.2, Exhibit D, Section 11, 11.3.1.5.2, equation 5, and submit a corrected Form 9. In addition, since the cyanide results for all samples are less than the MDL, please calculate the adjusted CRQLs as per SOW ILM05.2, Exhibit D, Section 11, 11.4, equation 6 for samples MY0SK8, MY0SK9, and MY0SL0 through MY0SL2 and submit corrected Form 1s. Refer to SOW ILM05.2, Exhibit B, Section 2, 2.5.2.1.1 for significant figure reporting format.

√2. The drying time and oven temperature for the percent solids analysis were not provided as per SOW ILM05.2, Exhibit D, Section 1, 1.6. Please submit a copy of the percent solids raw data that indicate weights, drying times and oven temperature for this SDG as per SOW ILM05.2, Exhibit B, Section 2, 2.5.2.3.

3. The equation used to calculate the reported sample results is not provided. Please submit a corrected SDG Narrative page to include the equation used to calculate sample results as per SOW ILM05.2, Exhibit B, Section 2, 2.5.1.2.

$$\left(\frac{\text{Result ug/L} * \text{Vol (L)}}{\text{Sample wt. (g)}}\right) \div \text{Percent Solids}$$

In Reference to
Case 31520 SDG #: MY0SK8

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM (continued)

4. Form 12, Preparation Log, indicates preparation method DS2 (midi-distillation of soil samples). Please submit a corrected SDG Narrative page to indicate the addition of magnesium chloride as per SOW ILM05.2, Exhibit D, Section 10, 10.2.4.2.7.

√5. The logbook pages for cyanide analysis provide reference numbers for the calibration standards and QC standards used. However, Region 9 also requests that certificates of traceability for relevant calibration and QC standards be submitted. Information should include manufacture, lot number, laboratory reference number, and concentration.

For future reports (no response required):

1. The SDG Narrative page is labeled Case Narrative. Please correct page title to conform to SOW ILM05.2, Exhibit B, Section 2, 2.5.1.2.

2. Please sign and date airbill(s) and/or airbill sticker(s) when samples are received by the laboratory as per SOW ILM05.2, Exhibit B, Section 3, 3.5.2.1.

3. Forms DC-2-1 and DC-2-2 have a 'CHECK' section. Please check off documents included in the CSF under the 'LAB' column.

Summary of Resolution: To be determined.

Regional Contact Signature _____ Date of Resolution _____

Bonner Analytical Testing Company

COPY

Total Solids

SDG No: MY0SK8 Case No.: 31520 Batch No.: T- 032103A

Date Began: 03/21/03 Time Began: 11:55 Temperature Began: 103.7

Date Finished: 03/22/03 Time Finished 12:00 Temperature Finished: 104.2

EPA Sample ID	MY0SL0		MY0SK8	MY0SK9	MYOSL1	MY0SL2					
Laboratory ID	BT82810		BT82808	BT82809	BT82811	BT82812					
Pan ID	1	1 Dup	2	3	4	5	6	7	8	9	10
Pan Weight	0.9734	0.9707	0.9767	0.9754	0.9734	0.9702					
Pan + Sample (Initial)	5.6207	5.8433	5.6314	5.4209	5.6662	5.5301					
Sample Weight (initial)	4.6473	4.8726	4.6547	4.4455	4.6928	4.5599	0.0000	0.0000	0.0000	0.0000	0.0000
Pan + Sample (Final)	5.2337	5.4478	5.3487	5.0802	4.8327	4.7510					
Sample Weight (Final)	4.2603	4.4771	4.3720	4.1048	3.8593	3.7808	0.0000	0.0000	0.0000	0.0000	0.0000
Total Solids	91.67%	91.88%	93.93%	92.34%	82.24%	82.91%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD	0.23%										

Sample ID										
Laboratory ID										
Pan ID	11	12	13	14	15	16	17	18	19	20
Pan Weight										
Pan + Sample (Initial)										
Sample Weight (initial)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pan + Sample (Final)										
Sample Weight (Final)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Solids	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analyst: MDS Date: 3/22/2003

Supervisor: _____ Date: _____

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

COPY

EPA SAMPLE NO.

MY0SK8

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82808

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 93.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.1	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: White Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SK9

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82809

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 92.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.1	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SL0

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82810

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 91.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.1	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SL1

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82811

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.2	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SL2

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82812

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 82.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.2	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	10	2.00

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: DS2

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	10	2.00

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: DS2

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	1	0.10

Recieved 12-2-(

QATS INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICVs)

October 17, 2002

Note: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the contract, follow the contract.

CAUTION: Read Instructions Carefully Before Opening Bottles.

May Contain Metals or Cyanide
in Dilute Acidic or Basic Aqueous
Solutions

Material Safety Data Sheets
Available Upon Request

(A) SAMPLE DESCRIPTION

Enclosed is a reference material in a matrix of dilute acidic or basic aqueous solution, containing various analyte concentrations.

(B) BREAKAGE OR MISSING ITEMS

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to enclosed chain-of-custody sheets. Report any problems to Mr. Dave Brooks (702) 895-8702. Return chain-of-custody sheet with appropriate annotations and signatures to Mr. Brooks at the address provided below.

Quality Assurance Technical Support Laboratory
2700 Chandler Ave - Bldg C
Las Vegas, NV 89120

INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICVs)

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP and AA instruments. These solutions may also be used as aqueous Laboratory Control Solutions.

The values for each element in the ICVs are listed below in µg/L (ppb) for the solutions that result after the concentrates have been diluted according to the following instructions:

1 ICV-1 (1201) — For ICP-AES use, dilute the ICV-1 concentrate 10-fold with 2% (v/v) nitric acid, pipet 10 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. For ICP-MS use, dilute the ICV-1 concentrate 50-fold with 1% (v/v) nitric acid, pipet 2 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 1% (v/v) nitric acid

2. ICV-2 (0601) -- For furnace AA use, dilute the ICV-2 concentrate 20-fold with 2% (v/v) nitric acid, pipet 5 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

3 ICV-3 (0500) -- For ICP use, dilute the ICV-3 concentrate 10-fold with 2% (v/v) nitric acid, pipet 10 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid For furnace AA use, dilute the ICV-3 concentrate 100-fold with 2% (v/v) nitric acid; pipet 1 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid

4 ICV-4 (0499) -- For the furnace AA determination of lead and thallium, dilute the ICV-4 concentrate 10-fold with 2% (v/v) nitric acid; pipet 10 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. For the furnace AA determination of silver and cadmium, dilute the ICV-4 concentrate 100-fold with 2% (v/v) nitric acid, pipet 1 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid

5 ICV-5 (0700) -- For the cold vapor analysis of mercury by AA, dilute the ICV-5 concentrate 100-fold with 2% (v/v) nitric acid; pipet 1 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV-5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid The concentrate must be stored in the dark

6 ICV-6 (0400) -- For the analysis of cyanide, dilute the ICV-6 concentrate 100-fold with Type II water, pipet 1 mL of the concentrate into a 100-mL volumetric flask and dilute to volume with Type II water Distill this solution along with the samples before analysis The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light The concentrate must be stored in the dark

NOTE: USE TYPE II WATER AND HIGH PURITY ACIDS FOR ALL DILUTIONS

ICV-5 (0700):	
Element	Concentration (µg/L) (after 100-fold dilution)
Hg	4.1

ICV-6 (0400):	
Element	Concentration (µg/L) (after 100-fold dilution)
CN^-	99

DataPacK™

Certification

Received 1-10-03 MCM

Free Cyanide

Lot No. 03122

Catalog No. 997 - 500 ml
Catalog No. 048 - 125 ml

Parameter	Certified Value (mg/L)
Free Cyanide	1000

Expiration Date: December 2004.

Preservative: This standard is preserved with 0.5% (v/v) NaOH.

Production Notes: This standard is made from Potassium Cyanide (KCN).

Standard Preparation Instructions: None required. This standard is ready to dilute and analyze as received.

Storage: Store at 20-25°C.

Traceability Data Summary

No NIST Traceability data is available. A NIST certified Cyanide standard is not currently available. The standard is traceable to NIST weights used for the calibration and checks of all balances during the manufacture of this standard.

Recieved 12-2-0

INORGANIC REFERENCE MATERIAL
SOLID LABORATORY CONTROL SAMPLE - CYANIDE
LCS CN (0899)

Note: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the contract, follow the contract.

CAUTION: Read Instructions Carefully Before Opening Bottles.

Contains Cyanide

Material Safety Data Sheets Available Upon Request

(A) SAMPLE DESCRIPTION

Enclosed is a solid reference material composed of sand which contains Iron (III) Cyanide.

(B) BREAKAGE OR MISSING ITEMS

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to enclosed chain-of-custody sheets. Report any problems to Mr. Art Clarke, Materials Document Control Officer, IT Corporation (702) 895-8714. Return chain-of-custody sheet with appropriate annotations and signatures to Mr. Clarke at the address provided below.

IT Corporation
2700 Chandler Ave - Bldg C
Las Vegas, NV 89120

INORGANIC REFERENCE MATERIAL
SOLID LABORATORY CONTROL SAMPLE-CYANIDE
LCS CN (0899)

This solid laboratory control sample was prepared by the Quality Assurance Technical Support Laboratory (QATS) operated by IT Corporation under contract to the EPA. This material requires acid distillation to release cyanide. Use a five gram aliquot for macro-distillation or a one gram aliquot for midi-distillation. The "true value" concentration and control limits were derived from the results of an EPA multi-laboratory analysis of the solid material by Contract Laboratory Program procedures. The "True Value" concentration and control limits are listed in the table below.

"TRUE VALUE" CONCENTRATIONS AND CONTROL LIMITS FOR THE ELEMENTS IN THE SOLID LABORATORY CONTROL SAMPLE CYANIDE, LCS CN (0899)

Analyte	True Value (mg/kg)	Control Limits (mg/kg)
CN	9.6	7.4 to 11.8

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME Bonner Analytical Testing Company
CITY/STATE Hattiesburg, MS

CASE NO. 31520 SDG NO. MY0SK8
SDG NOs. TO FOLLOW MY0SL3 N/A N/A
NRAS NO. N/A

CONTRACT NO. 68W02067
SOW NO. ILM05.2

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

		PAGE NOs. FROM	PAGE NOs. TO	CHECK LAB	CHECK REGION
1.	Inventory Sheet (DC-2) (Do not number)				✓
2.	Sample Log-In Sheet (DC-1)	1	1		✓
3.	Traffic Report/Chain of Custody Record	2	2		✓
4.	Cover Page	3	3		✓
5.	SDG Narrative	4	5		✓
	Inorganic Analysis				
6.	Data Sheet (Form I-IN)	6	10		✓
7.	Initial & Continuing Calibration Verification (Form IIA-IN)	11	11		✓
8.	CRQL Standard (Form IIB-IN)	12	12		✓
9.	Blanks (Form III-IN)	13	13		✓
10.	ICP-AES Interference Check Sample (Form IVA-IN)	N/A	N/A		N/A
11.	ICP-MS Interference Check Sample (Form IVB-IN)	N/A	N/A		N/A
12.	Matrix Spike Sample Recovery (Form VA-IN)	14	14		✓
13.	Post-Digestion Spike Sample Recovery (Form VB-IN)	N/A	N/A		N/A
14.	Duplicates (Form VI-IN)	15	15		✓ ~~N/A~~ SK
15.	Laboratory Control Sample (Form VII-IN)	16	16		✓ ~~N/A~~ SK
16.	ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	N/A	N/A		N/A
17.	Method Detection Limits (Annually) (Form IX-IN)	17	19		✓
18.	ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	N/A	N/A		N/A
19.	ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	N/A	N/A		N/A
20.	ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	N/A	N/A		N/A
21.	Preparation Log (Form XII-IN)	20	20		✓
22.	Analysis Run Log (Form XIII-IN)	21	21		✓

	PAGE NOs. FROM	TO	CHECK LAB	REGION
23. ICP-MS Tune (Form XIV-IN)	N/A	N/A	____	N/A
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	N/A	N/A	____	N/A
25. ICP-AES Raw Data	N/A	N/A	____	N/A
26. GFAA Raw Data (If Applicable)	N/A	N/A	____	N/A
27. ICP-MS Raw Data	N/A	N/A	____	N/A
28. Mercury Raw Data	N/A	N/A	____	N/A
29. Cyanide Raw Data	22	25	____	✓
30. Preparation Logs Raw Data	26	27	____	✓
31. Percent Solids Determination Log	28	28	____	✓
32. USEPA Shipping/Receiving Documents Airbill (No. of Shipments 1)	29	30	____	✓
Sample Tags			____	N/A
Sample Log-In Sheet (Lab)	31	32	____	✓
33. Misc. Shipping/Receiving Records (list all individual records) Telephone Logs	N/A	N/A	____	N/A
scheduling + shipping notices	33	34	____	✓
SDG cover sheet + misc Fed Ex airbills	35	37	____	✓
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list) In-house COC	38	38	____	✓
N/A	N/A	N/A	____	—
35. Internal Original Sample Prep & Analysis Records (describe or list) Prep Records standard + reagent logs	39	47	____	✓
Analysis Records run log raw data	48	48	____	✓
Description N/A	N/A	N/A	____	N/A
36. Other Records (describe or list) Telephone Communications Log	N/A	N/A	____	N/A
e-mails	49	51	____	✓
N/A	N/A	N/A	____	—

37. Comments: _____

Completed by:
(CLP Lab) [signature] (Signature) — Chris Bonner LAB MANAGER (Print Name & Title) — 3/26/03 (Date)

Audited by:
(USEPA) Stan Kott (Signature) — STAN KOTT / ESAT (Print Name & Title) — 4-15-03 (Date)

001

SAMPLE LOG-IN SHEET

Lab Name: Bonner Analytical Testing Company	Page 1 of 1
Received By (Print Name): Laurie Rinko	Log-in Date: 3-20-03
Received By (Signature): Laurie Rinko	
Case Number: 31520	Sample Delivery Group No.: MY05K8
	NRAS Number

Remarks:

1. Custody Seal(s): ~~Present~~/Absent* ~~Intact~~/Broken
2. Custody Seal Nos.: N/A / N/A
3. Traffic Reports/Chain of Custody Records or Packing Lists: ~~Present~~/Absent*
4. Airbill: Airbill/Sticker ~~Present~~/Absent*
5. Airbill No.: 835859426468 / N/A
6. Sample Tags: Present/~~Absent~~*
   Sample Tag Numbers: ~~Listed~~/Not Listed on Traffic Report/Chain of Custody Record
7. Sample Condition: ~~Intact~~/Broken*/Leaking
8. Cooler Temperature Indicator Bottle: ~~Present~~/Absent*
9. Cooler Temperature: 2.5°C
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree?: ~~Yes~~/No*
11. Date Received at Lab: 3-20-03
12. Time Received: 0900

EPA Sample #	Aqueous Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
MY05K8	N/A	N/A	BT82808	good
MY05K9	↓	↓	BT82809	↓
MY05L0			BT82810	
MY05L1			BT82811	
MY05L2 MY05L2 3-21-03	↓	↓	BT82812	↓

Sample Transfer	
Fraction	Fraction
Area #	Area #
By	By
On	On

UL 3-21-03

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.
Date		Logbook Page No.

(4)

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 31520
DAS No:
SDG No: MY0SK8

L

002

Date Shipped:	3/19/2003
Carrier Name:	FedEx
Airbill:	835859426468
Shipped to:	Bonner Analytical Testing Co. 2703 Oak Grove Road Hattiesburg MS 39402 (601) 264-2854

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	[signature]	3-19-03 1600	Federal Express	3-1903 1600
2			Yhanni Rundo	3-20-03 0900
3				
4				

Sampler Signature: [signature]

For Lab Use Only

Lab Contract No: 68W02067
Unit Price: $72.00
Transfer To:
Lab Contract No:
Unit Price: UR 3-20-03

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MY0SK8	Soil (>12")/ Anitra Rice	L/G	CN (21)	(Ice Only) (1)	JF-1-S5	S: 3/18/2003 15:50	Y0SK8	good
MY0SK9	Soil (>12")/ Anitra Rice	L/G	CN (21)	(Ice Only) (1)	JF-1-S15	S: 3/18/2003 16:12	Y0SK9	
MY0SL0	Soil (>12")/ Anitra Rice	M/G	CN (21)	(Ice Only) (2)	JF-7-S20	S: 3/18/2003 10:30	Y0SL0	
MY0SL1	Soil (>12")/ Anitra Rice	M/G	CN (21)	(Ice Only) (1)	JF-7-S30	S: 3/18/2003 10:55	Y0SL1	
MY0SL2	Soil (>12")/ Anitra Rice	M/G	CN (21)	(Ice Only) (1)	JF-7-S35	S: 3/18/2003 11:00	Y0SL2	
MY0SL3	Ground Water/ Anitra Rice	L/G	CN (21)	(NaOH) (1)	JF-GW-1	S: 3/18/2003 13:00	Y0SL3	
MY0SL4	Ground Water/ Anitra Rice	L/G	CN (21)	(NaOH) (1)	JF-GW-2	S: 3/18/2003 17:01	Y0SL4	
MY0SL6	Ground Water/ Anitra Rice	L/G	CN (21)	(NaOH) (1)	JF-GW-4	S: 3/18/2003 16:31	Y0SL6	
MY0SL7	Ground Water/ Anitra Rice	L/G	CN (21)	(NaOH) (1)	JF-GW-5	S: 3/18/2003 17:17	Y0SL7	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	MY0SL0	Anitra Rice	2.5°C	N/A

Analysis Key: CN = Cyanide

Concentration: L = Low, M = Low/Medium, H = High

Type/Designate: Composite = C, Grab = G

Custody Seal Intact? Y

Shipment Iced? Y

TR Number: 9-233994445-031903-0003

LABORATORY COPY

R provides preliminary results. Requests for preliminary results will increase analytical costs.
nd Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

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COVER PAGE

Lab Name: Bonner Analytical Testing Company Contract: 68W02067

Lab Code: BONNER Case No: 31520 NRAS No.: SDG No: MY0SK8

SOW No.: ILM05.2

EPA Sample No.	Lab Sample ID
MY0SK8	BT82808
MY0SK9	BT82809
MY0SL0	BT82810
MY0SL0D	BT82810D
MY0SL0S	BT82810S
MY0SL1	BT82811
MY0SL2	BT82812

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Chris Bonner

Date: 3/26/03 Title: Inorganic Laboratory Manager

Bonner Analytical Testing Company

2703 Oak Grove Road, Hattiesburg, MS 39402
Phone: (601) 264-2854 Fax: (601) 268-7084

CASE NARRATIVE:

SDG Number: MY0SK8
Case Number: 31520
Contract Number: 68W02067

Sample Receipt:

Samples were received at BATCO on 03/20/03 by FedEx and processed by the Sample Custodian. See email pages 49 through 51, for discrepancies found during sample receiving.

The following discrepancies were found:

1. Scheduling notice listed 8 samples, 4 water & 4 soil. Lab received 5 soil samples and 4 water samples. TR/COC indicated that the case was not complete.

   Resolution: Region 9 indicated that 3 extra samples (water) were required and should be received 03/21/03. This was not known in advance. The lab was advised to proceed with analysis of all samples.

2. Custody seals were present and intact but no custody seal numbers, just dates and times.

   Resolution: Lab may proceed, samplers used regular custody seals provided by Region 9.

3. No Samples tags listed on TR/COC and no sample tags on containers.

   Resolution: Region 9 does not used sample tags. SMO instructed Bonner to continue with analysis.

4. The TR/COC indicates the case is not complete.

   Resolution: Per Region 9, the lab will wait for remaining samples before assigning SDG numbers.

Cyanide:

No discrepancies

CSF:

No discrepancies

Authorized by: _____

Chris M. Bonner
Laboratory Manager

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

006

EPA SAMPLE NO.

MY0SK8

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82808

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 93.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.04	J		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: White Clarity After: Artifacts:

Comments:

REMOVED
6-16-03
SK/ESAT

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SK8

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82808

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 93.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.1	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: White Clarity After: Artifacts:

Comments:

INSERTED:
6-16-03
SK/ESAT

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SK9

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82809

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 92.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.1	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

008

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SL0

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82810

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 91.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.1	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SL1

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82811

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.2	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

1A-IN

010

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MY0SL2

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Lab Sample ID: BT82812

Level (low/med): LOW Date Received: 3/20/2003

% Solids: 82.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.2	U		AS

Color Before: Brown Clarity Before: Texture: Fine

Color After: Yellow Clarity After: Artifacts:

Comments:

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Bonner Analytical Testing Company Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Initial Calibration Verification Source: EPA

Continuing Calibration Verification Source: ERA

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide	99.0	104.77	106	250.0	252.15	101	255.20	102	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2B-IN
CRQL CHECK STANDARD

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: _____ SDG No.: MY0SK8

CRQL Check Standard Source: _____

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Cyanide	10.0	9.70 J	97	10.56	106

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

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3-IN

BLANKS

Lab Name: Bonner Analytical Testing Comp Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: _____ SDG NO.: MY0SK8

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Cyanide	10.0	U	10.0	U	10.0	U			-0.028	J	AS

USEPA - CLP

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

014

EPA SAMPLE NO.

MY0SL0S

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 91.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Cyanide	75 - 125	6.0215		1.0101	U	5.51	109		AS

Comments:

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6-IN

DUPLICATES

EPA SAMPLE NO.

MY0SL0D

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 91.7 % Solids for Duplicate: 91.9

Concentration Units: (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Cyanide		1.0000	U	1.0000	U			AS

USEPA - CLP

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No: _____ SDG NO.: MY0SK8

Solid LCS Source: ERA 246

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Cyanide				9.6	9.4		7.4	11.8	98

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	10	2.00

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: DS2

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	10	2.00

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: DS2

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	1	0.01

REMOVED: 6-16-03 SK/ ESAT

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: _____ SDG NO.: MY0SK8

Instrument Type: AS Instrument ID: Astoria01 Date: 11/22/2002

Preparation Method: DS2

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	1	0.10

INSERTED:
6-16-03
SK/ESAT

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Bonner Analytical Testing Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG NO.: MY0SK8

Preparation Method: DS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
ICV01	3/21/2003		50
MIDRANGE250	3/21/2003		50
PBS01	3/21/2003	1.01	50
LCSS01	3/21/2003	0.99	50
MY0SK8	3/21/2003	1.01	50
MY0SK9	3/21/2003	0.99	50
MY0SL0	3/21/2003	1.01	50
MY0SL0D	3/21/2003	1.00	50
MY0SL0S	3/21/2003	0.99	50
MY0SL1	3/21/2003	1.01	50
MY0SL2	3/21/2003	1.00	50

Comments:

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Bonner Analytical Testing Company Contract: 68W02067

Lab Code: BONNER Case No.: 31520 NRAS No.: SDG No.: MY0SK8

Instrument ID: Astoria01 Analysis Method: AS

Start Date: 3/21/2003 End Date: 3/21/2003

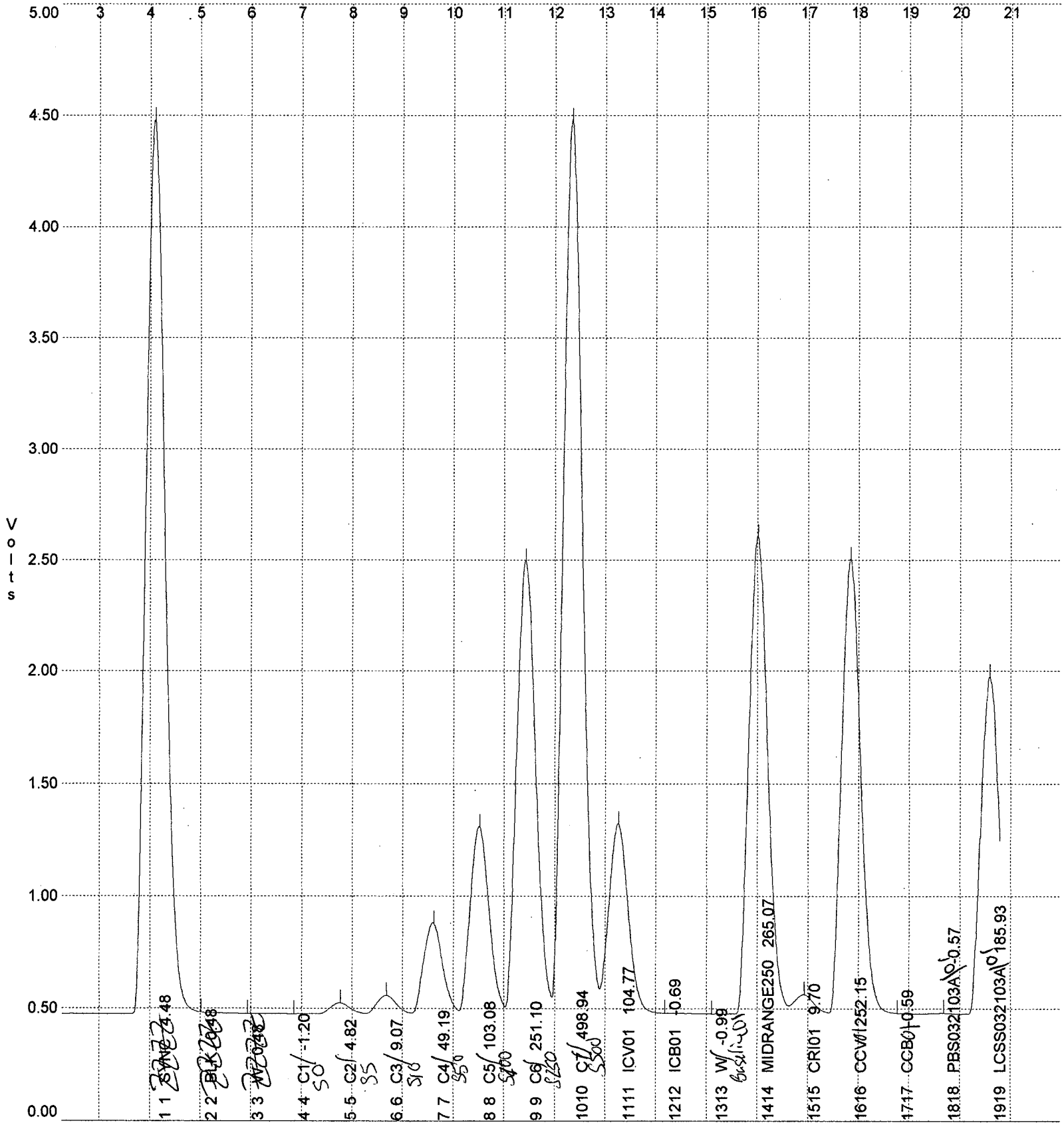
EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1304																								X
S5	1.00	1305																								X
S10	1.00	1306																								X
S50	1.00	1307																								X
S100	1.00	1308																								X
S250	1.00	1308																								X
S500	1.00	1309																								X
ICV01	1.00	1310																								X
ICB01	1.00	1311																								X
BASELINE01	1.00	1312																								X
MIDRANGE250	1.00	1313																								X
CRI01	1.00	1314																								X
CCV01	1.00	1315																								X
CCB01	1.00	1316																								X
PBS01	1.00	1317																								X
LCSS01	1.00	1318																								X
MY0SK8	1.00	1319																								X
MY0SK9	1.00	1319																								X
MY0SL0	1.00	1320																								X
MY0SL0D	1.00	1321																								X
MY0SL0S	1.00	1322																								X
MY0SL1	1.00	1323																								X
MY0SL2	1.00	1324																								X
CRI02	1.00	1325																								X
CCV02	1.00	1326																								X
CCB02	1.00	1327																								X

Report for C032103A.ACF [S1]								
Date:3/21/2003								
Base Configuration: clph20								
							CN	
Sam#	Cup#	Identifier	Date	Time	Test Name	Volts	UG/L	Status
1	1	SYNC7	3/21/2003	1:01:37 PM	CN	4.4786	4.48	
2	2	BLK77	3/21/2003	1:02:32 PM	CN	0.4849	0.48	NP
3	3	WZZZ	3/21/2003	1:03:27 PM	CN	0.4778	0.48	NP
4	4	C1 /S0	3/21/2003	1:04:22 PM	CN	0.4766	-1.20	NP
5	5	C2 /S5	3/21/2003	1:05:17 PM	CN	0.5248	4.82	NP
6	6	C3 /S10	3/21/2003	1:06:11 PM	CN	0.5589	9.07	NP
7	7	C4 /S50	3/21/2003	1:07:07 PM	CN	0.8801	49.19	
8	8	C5 /S100	3/21/2003	1:08:01 PM	CN	1.3114	103.08	
9	9	C6 /S250	3/21/2003	1:08:56 PM	CN	2.4965	251.10	
10	10	C7 /S500	3/21/2003	1:09:51 PM	CN	4.4806	498.94	
		Curve Type					1st Order	
		Correlation					0.99996	
		Intercept					0.49	
		Slope					0.01	
11	11	ICV01	3/21/2003	1:10:46 PM	CN	1.3250	104.77	
12	12	ICB01	3/21/2003	1:11:41 PM	CN	0.4807	-0.69	NP
13	13	W/Baseline01	3/21/2003	1:12:36 PM	CN	0.4783	-0.99	NP
14	14	MIDRANGE250	3/21/2003	1:13:31 PM	CN	2.6083	265.07	
15	15	CRI01	3/21/2003	1:14:26 PM	CN	0.5639	9.70	NP
16	16	CCV01	3/21/2003	1:15:21 PM	CN	2.5048	252.15	
17	17	CCB01	3/21/2003	1:16:16 PM	CN	0.4815	-0.59	NP
18	18	PBS032103A/01	3/21/2003	1:17:11 PM	CN	0.4817	-0.57	NP
19	19	LCSS032103A/01	3/21/2003	1:18:06 PM	CN	1.9747	185.93	
20	20	MY0SK8	3/21/2003	1:19:01 PM	CN	0.4917	0.69	NP
21	21	MY0SK9	3/21/2003	1:19:55 PM	CN	0.4821	-0.51	NP
22	22	MY0SL0	3/21/2003	1:20:51 PM	CN	0.4806	-0.71	NP
23	23	MY0SL0D	3/21/2003	1:21:45 PM	CN	0.4813	-0.61	NP
24	24	MY0SL0S	3/21/2003	1:22:40 PM	CN	1.3615	109.33	
25	25	MY0SL1	3/21/2003	1:23:35 PM	CN	0.4842	-0.25	NP
26	26	MY0SL2	3/21/2003	1:24:30 PM	CN	0.4821	-0.51	NP
27	27	CRI02	3/21/2003	1:25:25 PM	CN	0.5708	10.56	NP
28	28	CCV02	3/21/2003	1:26:20 PM	CN	2.5293	255.20	
29	29	CCB02	3/21/2003	1:27:15 PM	CN	0.4867	0.06	NP
30	30	W/Baseline02	3/21/2003	1:28:10 PM	CN	0.4853	-0.11	NP

REVIEWED
By:

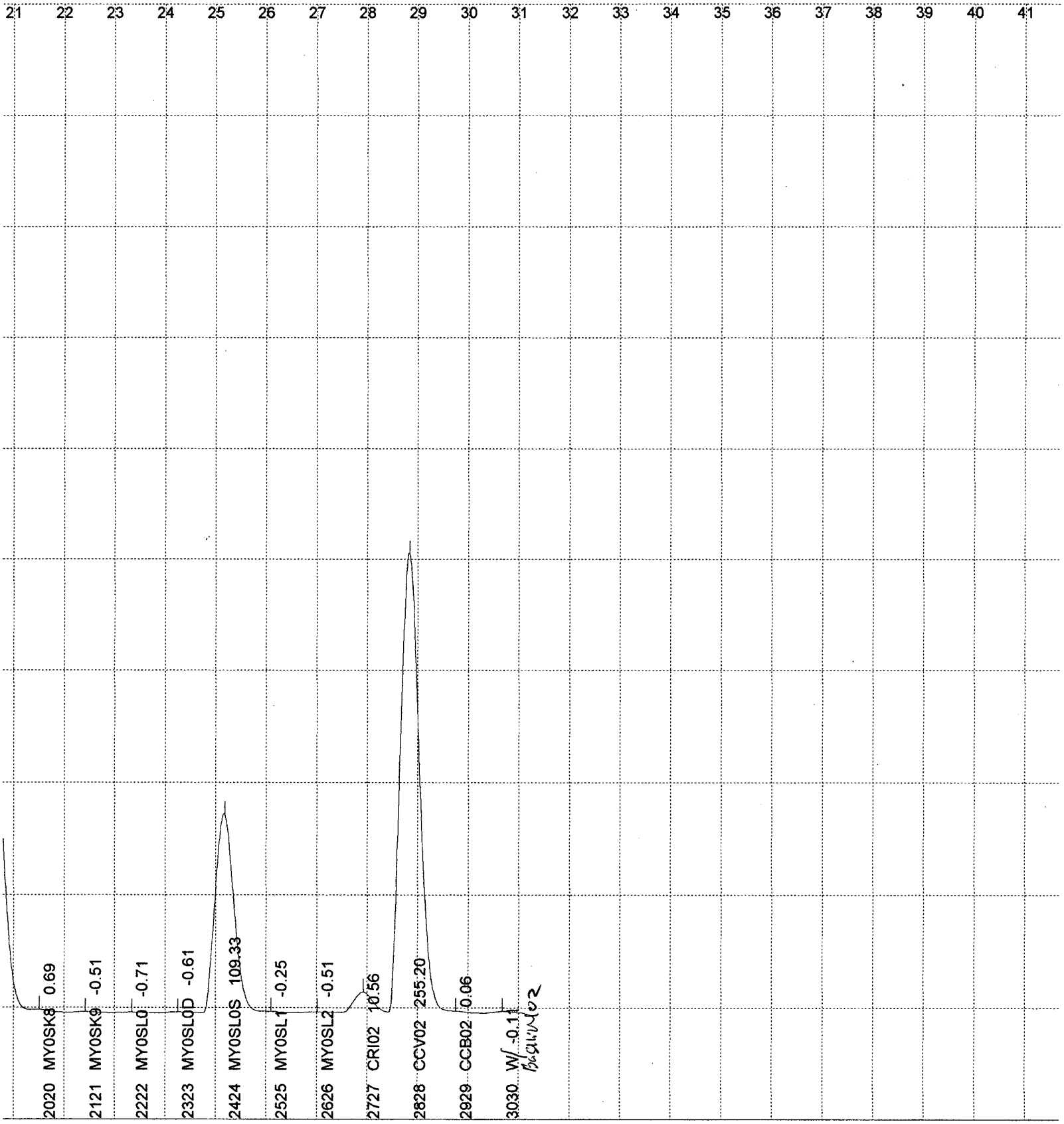
Supervisor: _____ Date: 3/26/03
Analyst: _____ Date: 3-26-03

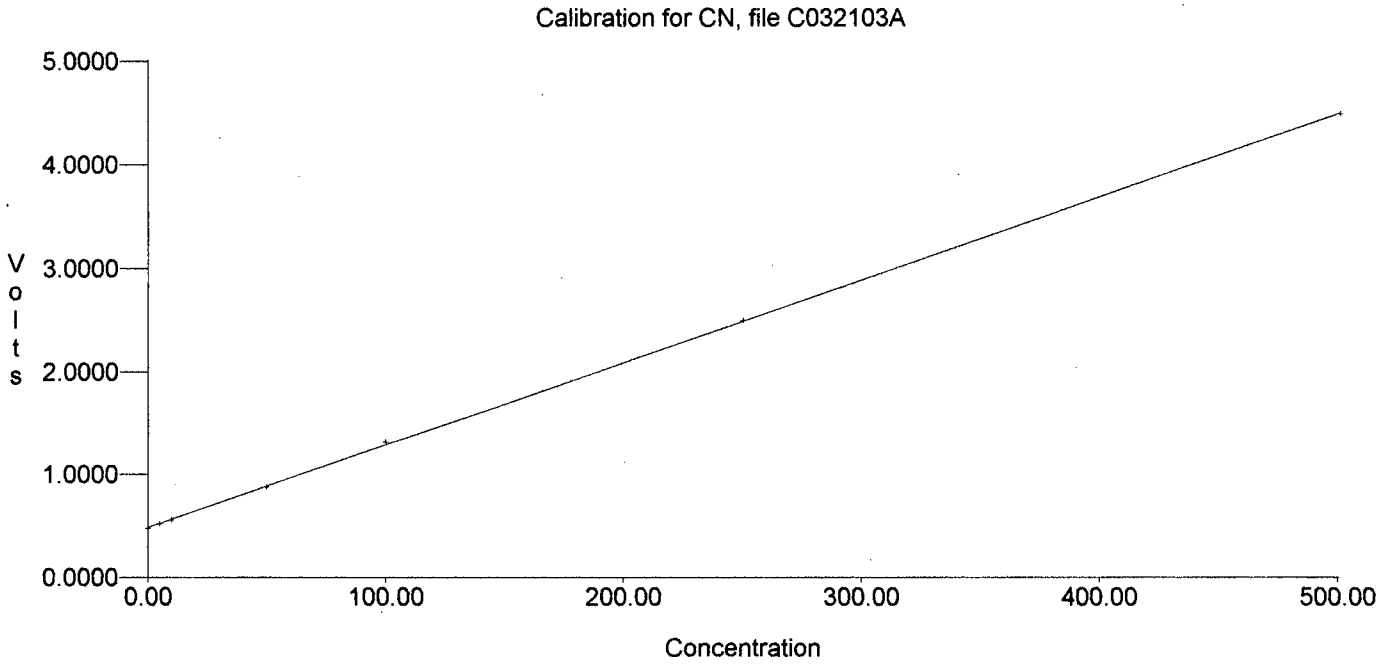
C:\FASPAC\DATA\C032103A.ACF System 1 Channel 1 [CN]



REVIEWED
By:

C:\FASPAC\DATA\C032103A.ACF System 1 Channel 1 [CN]





1st Order Y=BX+A
B=0.01 A=0.49
Correlation=0.999964

REVIEWED
By:

Bonner Analytical Testing Company

Cyanide Soil Sample Preparation

SDGNumber: MY0SK8 Batch Number: 032130A Case Number: 31520 Method: DS2

	Lab ID	EPA Sample No	Sample Description	Initial Weight gram	Final Volume ml.	pH	Color Before	Color After	Texture	Sulfides	Sulfact	Oxidiz. Agent	Artifacts
1	ICV	ICV01	Initial Calibration Verification		50	12	C	C		☐	☐	☐	
2	MIDRANGE	MIDRANGE01	Midrange Standard		50	12	C	C		☐	☐	☐	
3	PBS	PBS 01	Preparation Blank - Soil	1.01	50	12	W	W	M	☐	☐	☐	
4	LCSS	LCSS01	Laboratory Control Standard-Soil	0.99	50	12	W	W	C	☐	☐	☐	
5	BT82808	MY0SK8	MY0SK8	1.01	50	12	B	W	F	☐	☐	☐	
6	BT82809	MY0SK9	MY0SK9	0.99	50	12	B	Y	F	☐	☐	☐	
7	BT82810	MY0SL0	MY0SL0	1.01	50	12	B	Y	F	☐	☐	☐	
8	BT82810D	MY0SL0D	MY0SL0D	1	50	12	B	Y	F	☐	☐	☐	
9	BT82810S	MY0SL0S	MY0SL0S	0.99	50	12	B	Y	F	☐	☐	☐	
10	BT82811	MY0SL1	MY0SL1	1.01	50	12	B	Y	F	☐	☐	☐	
11	BT82812	MY0SL2	MY0SL2	1	50	12	B	Y	F	☐	☐	☐	
12					50	12				☐	☐	☐	
13					50	12				☐	☐	☐	
14					50	12				☐	☐	☐	
15					50	12				☐	☐	☐	
16					50	12				☐	☐	☐	
17					50	12				☐	☐	☐	
18					50	12				☐	☐	☐	
19					50	12				☐	☐	☐	
20					50	12				☐	☐	☐	
21					50	12				☐	☐	☐	
22					50	12				☐	☐	☐	
23					50	12				☐	☐	☐	
24					50	12				☐	☐	☐	

REVIEWED By:

Analyst 1: [signature]

Supervisor 1: [signature]

Date: 3-21-03

Date: 3/26/03

Bonner Analytical Testing Company

Cyanide Soil Sample Preparation

SDGNumber: MY0SK8 Batch Number: 032130A Case Number: 31520 Method: DS2

Reagent	Concentration	Reagent ID	Vendor
Sodium Hydroxide	0.25 N	BA -032003	Working Standard
Sulfuric Acid	18.0 N	BA -030303	Working Standard
Magnesium Chloride	NA	BA -030303	Working Standard
Sulfamic Acid	NA	BA -	Working Standard
Lead Carbonate	Neat	NA	NA
Ascorbic Acid	Neat	NA	NA
Delonized Water	Neat	Inhouse	BATCO

Standard	Vendor Standard	Lot Number	Concentration	Amt Spike
Initial Calibration Verification	EPA	0500	9900 ppb	0.5 mL
Laboratory Control Standard	EPA	0899 ✓	9.6 mg/Kg ✓	1.0 g
Matrix Spike	ERA	03122	1000 ppm	0.005 mL
Midrange Standard	ERA	03122	1000 ppm	0.0125

	Start of Run	End of Run	Start of Run	End of Run	Start of Run	End of Run	Start of Run	End of Run
Midi-Distillation:	03							
Temperature:	125	125	0	0	0	0	0	0
Time:	9:20	10:50						

Comments:

REVIEWED
By:

Analyst 1: _____ Date: 3-21-03

Supervisor 1: _____ Date: 3/26/03

028

Bonner Analytical Testing Company

Total Solids

SDG No: MY0SK8 Case No.: 31520 Batch No.: T- 032103A

EPA Sample ID	MY0SL0		MY0SK8	MY0SK9	MYOSL1	MY0SL2					
Laboratory ID	BT82810		BT82808	BT82809	BT82811	BT82812					
Pan ID	1	1 Dup	2	3	4	5	6	7	8	9	10
Pan Weight	0.9734	0.9707	0.9767	0.9754	0.9734	0.9702					
Pan + Sample (Initial)	5.6207	5.8433	5.6314	5.4209	5.6662	5.5301					
Sample Weight (initial)	4.6473	4.8726	4.6547	4.4455	4.6928	4.5599	0.0000	0.0000	0.0000	0.0000	0.0000
Pan + Sample (Final)	5.2337	5.4478	5.3487	5.0802	4.8327	4.7510					
Sample Weight (Final)	4.2603	4.4771	4.3720	4.1048	3.8593	3.7808	0.0000	0.0000	0.0000	0.0000	0.0000
Total Solids	91.67%	91.88%	93.93%	92.34%	82.24%	82.91%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD	0.23%										

Sample ID										
Laboratory ID										
Pan ID	11	12	13	14	15	16	17	18	19	20
Pan Weight										
Pan + Sample (Initial)										
Sample Weight (initial)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pan + Sample (Final)										
Sample Weight (Final)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Solids	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analyst: MDS Date: 3/22/2003

Supervisor: Date: 3/20/03

0028A

INSERTED: 6-16-03 SK/ESAT

Bonner Analytical Testing Company

Total Solids

SDG No: MY0SK8 Case No.: 31520 Batch No.: T- 032103A

Date Began: 03/21/03 Time Began: 11:55 Temperature Began: 103.7

Date Finished: 03/22/03 Time Finished 12:00 Temperature Finished: 104.2

EPA Sample ID	MY0SL0		MY0SK8	MY0SK9	MYOSL1	MY0SL2					
Laboratory ID	BT82810		BT82808	BT82809	BT82811	BT82812					
Pan ID	1	1 Dup	2	3	4	5	6	7	8	9	10
Pan Weight	0.9734	0.9707	0.9767	0.9754	0.9734	0.9702					
Pan + Sample (Initial)	5.6207	5.8433	5.6314	5.4209	5.6662	5.5301					
Sample Weight (initial)	4.6473	4.8726	4.6547	4.4455	4.6928	4.5599	0.0000	0.0000	0.0000	0.0000	0.0000
Pan + Sample (Final)	5.2337	5.4478	5.3487	5.0802	4.8327	4.7510					
Sample Weight (Final)	4.2603	4.4771	4.3720	4.1048	3.8593	3.7808	0.0000	0.0000	0.0000	0.0000	0.0000
Total Solids	91.67%	91.88%	93.93%	92.34%	82.24%	82.91%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD	0.23%										

Sample ID										
Laboratory ID										
Pan ID	11	12	13	14	15	16	17	18	19	20
Pan Weight										
Pan + Sample (Initial)										
Sample Weight (initial)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pan + Sample (Final)										
Sample Weight (Final)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Solids	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analyst: MDS Date: 3/22/2003

Supervisor: _____ Date: _____

Q29

48

200

(4)

FedEx Express USA Airbill

FedEx Tracking Number 8358 5942 6468

Form I.D. No. 0215

Recipient's Copy

RECIPIENT: PEEL HERE

NO POUCH NEEDED.
See back for peel and stick application instructions.

1 From This portion can be removed for Recipient's records.

Date 3/18/05 FedEx Tracking Number 835859426468

Sender's Name Amanda K. Cohan Phone 818 382-1800

Company WESTON SOLUTIONS INC

Address 14724 VENTURA BLVD STE 1000 Dept./Floor/Suite/Room

City SHERMAN OAKS State CA ZIP 91403

2 Your Internal Billing Reference 20074.025.066.0004

3 To

Recipient's Name Chris Banner Phone 601 264-7854

Company Banner Analytical

Address 2703 Oak Grove Rd.

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address Dept./Floor/Suite/Room

City Hattiesburg State MS ZIP 39402

8358 5942 6468

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages	Total Weight		Total Charges
1	5		Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the *FedEx Service Guide* for details.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

447

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030

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
OFFICIAL SAMPLE SEAL

SAMPLE NO.

DATE 3.19.03

SIGNATURE Andrea Rice

PRINT NAME AND TITLE (Inspector, Analyst or Technician)

SEAL BROKEN BY

DATE

EPA FORM 7500-2(R7-75)

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
OFFICIAL SAMPLE SEAL

SAMPLE NO.

DATE 3.19.03

SIGNATURE Andrea Rice

PRINT NAME AND TITLE (Inspector, Analyst or Technician)

SEAL BROKEN BY

DATE

EPA FORM 7500-2(R7-75)

Express

PRIORITY OVERNIGHT THU

FedEx.

emp# 54017 19MAR03

Deliver By
20MAR03
AM

TRK# 8358 5942 6468 FORM 0215

MSY

39402 -MS -US

XX HBGA

File Number	Project Number	Login Date	Sample Identification	
[redacted]				Flow
[redacted]				"
[redacted]				PCBs Pb
[redacted]				"
[redacted]				
[redacted]				
[redacted]				
[redacted]				
[redacted]				
[redacted]				
[redacted]				
[redacted]				
[redacted]				
[redacted]				
BT82808		3/21/03	CLP Case 31520 SDG MY05K8 Sample MY05K8	CN soil
BT82809			MY05K9	
BT82810			MY05L0 (qc)	
BT82811			MY05L1	
BT82812			MY05L2	
BT82813			MY05L3 MY05L3	water
BT82814			MY05L4	
BT82815			MY05L6	
BT82816			MY05L7	
BT82817			MY05L8	
BT82818			MY05L9	
BT82819			MY05M0	

SAMPLE RECEIPT FORM

032 5078

Client: CLP Date: 3-20-03

Sample Description: Soil SDG#: MY05K8 Case#: 31520

1) Does this project fall under NPDES, RCRA, CLP, Litigation or other EPA guidelines.	NA	(YES)	NO
2) Did Cooler come with airbill/sticker? Circle carrier: UPS, (FedEx), other:_____ If YES, enter airbill number here: 835859426468	NA	(YES)	NO
3) Are custody seals on the outside of the cooler intact? Custody Seal#: N/A	NA	(YES)	NO
Custody Seal#: N/A Custody Seal#:_____	NA	(YES)	NO
4) Are all bottles sealed in separate plastic bags?	NA	(YES)	NO
5) Are samples requiring no headspace, headspace free?	(NA)	YES	NO
6) Packing Material: (Bubblewrap), peanuts, vermiculite, other: Ice		(YES)	NO
7) Are chains of custody filled out properly? (ink, signed, dates, etc.)		(YES)	NO
8) Are all bottle labels complete and agree with COC? (ID, time, date, preservation?)		(YES)	NO
9) Were all bottles received intact?		(YES)	NO
10) Were correct containers used for the tests indicated? Who's: BATCO/(Client)		(YES)	NO
11) Was a sufficient aliquot of sample sent for tests indicated?		(YES)	NO
12) Are samples within holding times for requested analysis?		(YES)	NO
13) Sample Preservation?			
A) If samples were collected within 6 hours of receipt, has chilling begun?	NA	YES	NO
B) If samples were received beyond 6 hours of collection:	NA	(YES)	NO
1) Is there a temperature blank?	NA	(YES)	NO
2) If Yes, are samples received at 4°C?	NA	(YES)	NO
3) If No, are samples on ice?	NA	YES	NO
4) Temperature? 2.5			
C) Have samples been checked for correct preservation?	NA	(YES)	NO
1) If sample/s doesn't meet preservation, list deviation?			

14) Describe "NO" items for the above if # 1) response is NA or YES

Is there a Corrective Action and/or Client Contact form attached? YES (NO)

Signature: [signature]

Rev No. 1.3

Date: 09/23/02

033

BONNER Scheduling Notification Form for the week of 03/17/03

Contract #: 68W02067 ILM05.2 **Cost Lot/ DO #: A / 1** **Base Price: 72.00**

Reg	Case	Samples Scheduled No.	Matrix	Analyses	Method	TA	Fax # for PR	Special Requirements / Comments
5	31511	2	Water	ICP Metals/CN	ICP-AES	21	Not required	
9	31520	4	Soil	CN	ICP-AES	21	Not required	
9	31520	4	Water	CN	ICP-AES	21	Not required	

Key

Ag - Silver	Ca - Calcium	Fe - Iron	Ni - Nickel	Se - Selenium
Al - Aluminum	Cd - Cadmium	Hg - Mercury	Pb - Lead	Tl - Thallium
As - Arsenic	CN - Cyanide	K - Potassium	PEST - Pesticides	V - Vanadium
Ba - Barium	Co - Cobalt	Mg - Magnesium	PR - Preliminary Results	VOA - Volatiles
Be - Beryllium	Cr - Chromium	Mn - Manganese	Sb - Antimony	Zn - Zinc
BNA - Semivolatiles	Cu - Copper	Na - Sodium		

ICP Metals - TAL Metals without Mercury (Hg)
Filtered - Samples are filtered in the field

ILM04.1 Analyses

TM - Total Metals CN - Cyanide
DM - Dissolved Metals

Coordinator	Regions	Telephone	Email
Heather Bauer	1 and 2	703-264-9348	heather.bauer@dyncorp.com
Jessica Brown	4, 5, 8	703-264-9349	jessica.brown@dyncorp.com
Adam Carscadden	6 and 7	703-264-9512	adam.carscadden@dyncorp.com
Carolyn Mack	10 and QBs	703-264-9323	carolyn.mack@dyncorp.com
Holly Sturdavant	3 and 9	703-264-9526	holly.sturdavant@dyncorp.com

SMO Preliminary Results
1) FAX to CCS at (703) 715-4820
2) Email in PDF format to either:
Eloise Danganan at eloise.danganan@dyncorp.com
Christian Jose at christian.jose@dyncorp.com

Please create separate SDGs for each subset of metals requested.
Unless indicated, Mercury (Hg) analysis is not required.

034

BONNER SHIPPING NOTIFICATION FORM

Program: ILM05.2 ICP-AES

Reg	Case Number	Date Shipped	Airbill Number	Samples Shipped No.	Matrix	Analysis	Sampling Method	TA	Fax Number for Preliminary Results	Case Complete
9	31520	3/19/2003	835859426468	5	Soil	CN	N/A	21	Not Required	Yes
9	31520	3/19/2003	835859426468	4	Water	CN	N/A	21	Not Required	Yes
9	31520	3/20/2003	835859426527	3	Water	CN	N/A	21	Not Required	Yes

Lab should verify all sample shipments and determine whether the TR/COCs received match shipping and scheduling information that is provided by SMO. Call your SMO coordinator if there is a problem with the information above.

For ILM05.2 samples:

1) **Please create separate SDGs for each subset of TAL Metals requested.**
2) **Unless indicated, Mercury (Hg) analysis is not required.**

Key

Ag - Silver	BNA - Semivolatiles	Cu - Copper	Na - Sodium	Se - Selenium
Al - Aluminum	Ca - Calcium	Fe - Iron	Ni - Nickel	Tl - Thallium
Sb - Antimony	Cd - Cadmium	Hg - Mercury	Pb - Lead	V - Vanadium
As - Arsenic	CN - Cyanide	K - Potassium	PEST - Pesticides	VOA - Volatiles
Ba - Barium	Co - Cobalt	Mg - Magnesium	PR - Preliminary Results	Zn - Zinc
Be - Beryllium	Cr - Chromium	Mn - Manganese		

ICP Metals - TAL Metals without Mercury (Hg)
Filtered - Samples have been filtered in the field

ILM04.1 Analyses

TM - Total Metals
CN - Cyanide
DM - Dissolved Metals

Coordinator	Regions	Telephone	Email
Heather Bauer	1 and 2	703-264-9348	heather.bauer@dyncorp.com
Jessica Brown	4, 5, 8	703-264-9349	Jessica.brown@dyncorp.com
Adam Carscadden	6 and 7	703-264-9512	adam.carscadden@dyncorp.com
Carolyn Mack	10 and QBs	703-264-9323	carolyn.mack@dyncorp.com
Holly Sturdavant	3 and 9	703-264-9526	holly.sturdavant@dyncorp.com

CCS FAX Number for preliminary result is (703) 715-4820
CCS Secondary Fax Number for preliminary result is (703) 264-9236

Case is Complete

Contract Laboratory Program

Sample Delivery Group (SDG) Cover Sheet

SDG Number MY0SK8

• ICP-AES Analysis • ICP-MS Analysis

Laboratory Name Bonner Analytical Testing Laboratory Code BONNER

Contract No. 68W02067 Case No. 31520

Analysis Price $ 72.00 SDG Turnaround 21 days

USEPA Sample Numbers in SDG (Listed in Numerical Order)

1) MY0SK8	7)	13)	19)
2) MY0SK9	8)	14)	20)
3) MY0SL0	9)	15)	21)
4) MY0SL1	10)	16)	22)
5) MY0SL2	11)	17)	23)
6) UR 3-21-03	12)	18)	24)

UR 3-21-03

First Sample in SDG: MY0SK8

Last Sample in SDG: MY0SL2

First Sample Receipt Date: 3-20-03

Last Sample Receipt Date: 3-20-03

Note: *There are a maximum of 20* ***field*** *samples (excluding PE samples) in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Signature Yhamie Rinks Date 3-21-03

036

FedEx Express **USA Airbill**

FedEx Tracking Number 8358 5942 6480

SLA11 (1)

Form I.D. No. 0215 — Sender's Copy

1 From *Please print and press hard.*

Date 3-21-03 Sender's FedEx Account Number 1032-6821-4

Sender's Name Phone (818) 382-1800

Company WESTON SOLUTIONS INC

Address 14724 VENTURA BLVD STE 1000 Dept./Floor/Suite/Room

City SHERMAN OAKS State CA ZIP 91403

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20074.025.066.0004

3 To

Recipient's Name Amanda Cohan Phone (818) 382-1800

Company WESTON

Address 14724 Ventura Blvd. 1000

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address Dept./Floor/Suite/Room

City Sherman Oaks State CA ZIP 91403

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 800.463.3339.

0224449423

4a Express Package Service — *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- ☐ FedEx Priority Overnight — Next business morning
- ☒ FedEx Standard Overnight — Next business afternoon
- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations
- ☐ FedEx 2Day — Second business day
- ☐ FedEx Express Saver — Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- ☐ FedEx 1Day Freight* — Next business day
- ☐ FedEx 2Day Freight — Second business day
- ☐ FedEx 3Day Freight — Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

- ☐ FedEx Envelope*
- ☐ FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- ☒ Other

6 Special Handling — Include FedEx address in Section 3.

- ☐ SATURDAY Delivery — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- ☐ HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- ☐ HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- ☐ No
- ☐ Yes — As per attached Shipper's Declaration
- ☐ Yes — Shipper's Declaration not required
- ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- ☐ Sender — Acct. No. in Section 1 will be billed.
- ☒ Recipient
- ☐ Third Party
- ☐ Credit Card
- ☐ Cash/Check

FedEx Acct. No. or Credit Card No. 1032-6821-4 Exp. Date

Total Packages	Total Weight	Total Declared Value†
1		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

447

SRF • Rev. Date 4/02 • Part #157610S • ©1994–2002 FedEx • PRINTED IN U.S.A.

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

037

FedEx Express **USA Airbill**

FedEx Tracking Number: 8390 8653 1294

MUR23

Form I.D. No. 0215

Sender's Copy

1 From *Please print and press hard.*

Date: 3-21-03 Sender's FedEx Account Number: 1084-5665-5

Sender's Name: Mike Bonner Phone: (601) 264-2854

Company: BONNER ANALYTICAL TESTING COM

Address: 2703 OAK GROVE RD Dept./Floor/Suite/Room:

City: HATTIESBURG State: MS ZIP: 39402-8946

2 Your Internal Billing Reference First 24 characters will appear on invoice. resubmittal MB0HB7 + SDG cover MY0SK8, MY0SL3

3 To

Recipient's Name: SMO Mailroom Phone: (703) 7154416

Company: Dyncorp

Address: 2000 Edmund Halley Dr 5th Floor

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room:

City: Reston State: VA ZIP: 20191-3400

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 800.463.3339.

0236717246

4a Express Package Service — *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [X] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†	FedEx Use Only
1		$ .00	

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

447

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

Bonner Analytical Testing Company

Inhouse Chain of Custod

SDG Num: MY0SK8 Type: Soil

	LabID	EPA Sample Number	Sample Description
1	BT82808	MY0SK8	MY0SK8
2	BT82809	MY0SK9	MY0SK9
3	BT82810	MY0SL0	MY0SL0
4	BT82810D	MY0SL0D	MY0SL0D
5	BT82810S	MY0SL0S	MY0SL0S
6	BT82811	MY0SL1	MY0SL1
7	BT82812	MY0SL2	MY0SL2
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Name:	Signature:	Date/Time:	Purpose:
Laurie Rinko	Laurie Rinko	3-20-03/1045	Storage
Mary McHale	Mary McHale	3-21-03/0830	CN
Mary McHale	Mary McHale	3-21-03/0940	Storage
Matt Smith	Matt Smith	3-21-03/1545	TS
Matt Smith	Matt Smith	3-21-03/1555	Storage

M = Metals HG = Mercury CN = Cynanide TS = Total Solids D = Dispo

Bonner Analytical Testing Co.

039

009

STANDARDS LOG

for 01 Astoria 01 / 02 Daily Analysis

Analyst: Mary Miller Date: 3.21.03

Description	EPA ID	Amount Spiked	Volume Made	Manufacturer	Initial Conc.	Lot#	Date Lot Expires	Final Conc.
al Calibration Working ndard	S-WS-A	1.0 mL	100 mL	ERA	1000 ppm	03122	Dec-04	10 ppm
al Calibration Working ndard	S-WS-B	10.0 mL	100 mL	S-WS-A	10 ppm	NA	24 hours	1 ppm
al Calibration Blank	S0	~~NA~~	50 mL	In-house	NA	BA-032003	NA	NA
al Calibration	S5	0.25 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	5.0 ppb
al Calibration	S10	0.50 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	10 ppb
al Calibration	S50	2.5 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	50 ppb
al Calibration	S100	5.0 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	100 ppb
al Calibration	S250	12.5 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	250 ppb
al Calibration	S500	25.0 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	500 ppb
Range	Midrange	1.25 mL	50 mL	S-WS-A	10 ppm	NA	24 hours	250 ppb
al Calibration Verification	ICV	0.5 mL	50 mL	EPA	9900 ppb	0400	NA	99 ppb
al Calibration Blank	ICB	NA	50 mL	In-house	NA	BA-032003	Weekly	NA
ntract Required Quant. Limit	CRI	0.5 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	10 ppb
ntinuing Calibration ification	CCV	12.5 mL	50 mL	S-WS-B	1 ppm	NA	24 hours	250 ppb
ntinuing Calibration Blank	CCB	NA	50 mL	In-house	NA	BA- 032003	Weekly	NA

alculation for Dilutions: (Conc.-WhatYouHave)x(Vol.-WhatYouHave)=(Conc.-WhatYouWant)x(Vol.-WhatYouWant)

ll units must be the same

Reviewed By: _____ Date: 3/24/03
Supervisor

REVIEWED
By _____

Rev 1.1
10/04/02
CMB

REAGENTS PREPARATION LOG

023

0.25N Sodium Hydroxide Solution

Preparation Date: 03/20/03 Prepared By: MLM Batch No.: BA-032003

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	3.5L	BATCO	NA	NA	NA
Sodium Hydroxide	Neat	35g	Baddley	Z114	2-28-02	NA

Instrument: AP 01 / 02 - & Distillation

Final Volume: 3.5L

Concentration: 0.25N

Used For: Cyanide Distillation & Development

Expiration Date: NA

Comments: 10 grams to 1 Liter = 0.25N. *** Must be filtered with 0.45um Titan Nylon Filter.

35.0135g NaOH

Reviewed By: 3/24/03
Supervisor/Date

REVIEWED By:

REAGENTS PREPARATION LOG

024

1.25N Sodium Hydroxide Solution

Preparation Date: 03/20/03 Prepared By: MLM Batch No.: BA-032003

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	100mL	BATCO	NA	NA	NA
Sodium Hydroxide	Neat	5.0g	Baddley	Z114	2-28-02	NA

Instrument: AP 01 / 02 - & Distillation

Final Volume: 100mL

Concentration: 1.25 N

Used For: Standards Prep.

Expiration Date: NA

Comments: 5.0 grams to 100 mL = 1.25N.

5.0311 g NaOH

Reviewed By: 3/26/03
Supervisor/Date

REVIEWED By:

REAGENTS PREPARATION LOG

002

18N Sulfuric Acid Solution

Preparation Date: 3-3-03 Prepared By: MLM Batch No.: BA- 030303

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	1 L	BATCO	NA	NA	NA
Sulfuric Acid	Neat	~~EM Science~~ 1L 3-3 MLM	EM Science	K27016402 939	3-3-03	NA

Instrument: Distillation

Final Volume: 2L

Concentration: 18 Normal / 50%

Used For: Cyanide Distillation

Expiration Date: 6 Months

Comments: ***Add 500 mL Acid to 500 mL Water***

Reviewed By: 3/26/03
Supervisor/Date

REVIEWED By:

REAGENTS PREPARATION LOG

028

Chloramine-T Solution

Preparation Date: 03/21/03 Prepared By: MLM Batch No.: BA- 032103

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	250mL	BATCO	NA	NA	NA
Chloramine	Neat	1.0g	Aldrich	03703ED	2-22-02	NA

Instrument: AP 01 or 02

Final Volume: 250mL

Concentration: NA

Used For: Cyanide Analysis

Expiration Date Prepare fresh daily

Comments: 0.4 grams to 100mL **Keep Refrigerated**

Must filter with 0.45 Titan Nylon Filter Before Use

Reviewed By: 3/24/03
Supervisor/Date

REVIEWED
By:

REAGENTS PREPARATION LOG

Magnesium Chloride Solution

Preparation Date: 3-3-03 Prepared By: MLM Batch No.: BA- 030303

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	500mL	BATCO	NA	NA	NA
Magnesium Chloride - 6 H20	Neat	255g	Fisher	027035	NA	NA

Instrument: **Distillation**

Final Volume: 500mL

Concentration: NA

Used For: Cyanide Distillation

Expiration Date: 3 Months

Comments: Add 510 grams to 1000 mLs or DI Water.

255.06g $MgCl_2$

Reviewed By: 3/26/03
Supervisor/Date

REVIEWED
By:

REAGENTS PREPARATION LOG

026

Phosphate Buffer

Preparation Date: 03/20/03 Prepared By: MLM Batch No.: BA- 032003

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	500 mL	BATCO	NA	NA	NA
Sodium Phosphate	Neat	69g	Baddley	B 940	1-29-03	NA
Brig-35	30%	3.0mL	Astoria Pacific	220302	1-30-03	March 05

Instrument: AP 01 or 02

Final Volume: 500mL

Concentration: NA

Used For: Cyanide Development

Expiration Date 3 Months

Comments: Add 69 g. to 500 mL DI H2O. Filter with 0.45 Nylon then add 3 ml Brij-35

69.08g NaPO4

Reviewed By: 3/26/03
Supervisor/Date

REVIEWED
By

REAGENTS PREPARATION LOG

Pyridine-barbituric Acid Solution

025

Preparation Date: 03/20/03 Prepared By: MLM Batch No.: BA- 032003

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	~500mL	BATCO	NA	NA	NA
Barbituric Acid	Neat.	7.5g	Baddley	M037	12.10.02	NA
Pyridine	Neat	37.5mL	Fisher	020277	2.17.03	NA
Hydrochloric Acid	Neat	7.5mL	Fisher	002719	5.22.01	NA

Instrument: AP 01 / 02

Final Volume: 500mL

Concentration: NA

Used For: Cyanide Analysis

Expiration Date: Weekly

Comments: Dissolve 7.5g Barbituric to minimal DI water. Add 37.5 ml Pyridine then 7.5 ml HCl Mix and allow to cool to room temp. Dilute to 500 mLs. NYLON FILTERED (0.45um). Keep @ 4o C

7.4951g Barbituric Acid

Reviewed By: 3/26/03
Supervisor/Date

REVIEWED By:

REAGENTS PREPARATION LOG

004

Start Up Solution

Preparation Date: 3.3.03 Prepared By: MLM Batch No.: BA- 030303

Reagents	Conc. mg/L	Amount	Supplier	Lot Number	Received Date	Expiration Date
Deionized Water	Neat	≈500mL	BATCO	NA	NA	NA
Brij - 35	30%	3.0mL	Astoria Pacific	220302	1·30·03	March 2005

Instrument: AP 01 / 02

Final Volume : 500mL

Concentration: NA

Used For: Development

Expiration Date 1 Month

Comments Add 3 mLs Brij-35 to 500 ml DI Water

Reviewed By: 3/26/03
Supervisor/Date

REVIEWED
By:

Bonner Analytical Testing Co.

Cyanide Analytical Run Log

Report for C032103A.ACF [S1]
Date:3/21/2003
Base Configuration: clph20

SDG No.: MY0SK8
Case No.: 31520
Analyst: Mary McHale

Standards Prep Date: 03.21.03
Standards Log Page No.: 9

Sam#	Identifier	Time	Test Name
~~1~~	~~ZZZZZZ~~	~~1:01:37 PM~~	~~CN~~
~~2~~	~~ZZZZZZ~~	~~1:02:32 PM~~	~~CN~~
~~3~~	~~ZZZZZZ~~	~~1:03:27 PM~~	~~CN~~
4	C1/S0	1:04:22 PM	CN
5	C2/S5	1:05:17 PM	CN
6	C3/S10	1:06:11 PM	CN
7	C4/S50	1:07:07 PM	CN
8	C5/100	1:08:01 PM	CN
9	C6/250	1:08:56 PM	CN
10	C7/S500	1:09:51 PM	CN
11	ICV01	1:10:46 PM	CN
12	ICB01	1:11:41 PM	CN
13	W/Baseline01	1:12:36 PM	CN
14	MIDRANGE250	1:13:31 PM	CN
15	CRI01	1:14:26 PM	CN
16	CCV01	1:15:21 PM	CN
17	CCB01	1:16:16 PM	CN
18	PBS032103A	1:17:11 PM	CN
19	LCSS032103A	1:18:06 PM	CN
20	MY0SK8	1:19:01 PM	CN
21	MY0SK9	1:19:55 PM	CN
22	MY0SL0	1:20:51 PM	CN
23	MY0SL0D	1:21:45 PM	CN
24	MY0SL0S	1:22:40 PM	CN
25	MY0SL1	1:23:35 PM	CN
26	MY0SL2	1:24:30 PM	CN
27	CRI02	1:25:25 PM	CN
28	CCV02	1:26:20 PM	CN
29	CCB02	1:27:15 PM	CN
~~30~~	~~W/Baseline02~~	~~1:28:10 PM~~	~~CN~~

CCB 3/24/03 NM

CCB NA 3/26/03

Sam#	Identifier	Time	Test Name

REVIEWED
By:

Laurie Rinko

From: Sturdavant, Holly [Holly.Sturdavant@dyncorp.com]
Sent: Thursday, March 20, 2003 3:31 PM
To: GenBonner (E-mail); Laurie Rinko (E-mail)
Cc: Rich Freitas (E-mail); Steve Remaley (E-mail)
Subject: Region 09 | Case 31520 | Lab BONNER | Issue Multiple | FINAL

Laurie,

Following are the resolutions from Region 9 regarding the issues for Case
31520.

Issue 1: The lab was scheduled to receive 4 each, soil & water. The lab
received 5 soil & 4 water and the Case is not complete. Can the sampler
provide a reason for over shipment?
Resolution 1: Per Region 9, three extra samples were required. This
information was not known in advance. Please proceed with the analysis of
all samples.

Issue 2: The custody seals are present and intact, but are not preprinted
with numbers, just handwritten signature and date.
Resolution 2: The Region states that the samplers used regular custody seals
as provided by Region 9. Please note the issue and proceed with the
analysis.

Issue 3: No sample tags on the containers and none listed on the TR/COC.
Resolution 3: In accordance with previous direction from Region 9, Region 9
does not use sample tags. The lab will note the issue in the SDG narrative
and proceed with the analysis of the samples.

Issue 4: Two of the groundwater samples (MY0SL3 and MY0SL4) seem to
contain a lot of solid (soil) matter. Should the lab analyze these samples
as two-phase samples or as aqueous only?
Resolution 4: Per Region 9, the lab will analyze samples MY0SL3 and MY0SL4
as aqueous only samples. These are water samples with excess sediment
entrained. The lab will note the issue in the SDG narrative and proceed
with the analysis of the samples.

Issue 5: The TR/COC indicates that the shipment for case is not complete.
The lab will wait for remaining samples before assigning SDG numbers. Is
this acceptable to Region 9?
Resolution 5: Per the Region, the lab will wait for remaining samples before
assigning SDG numbers. The lab should receive the remaining samples for
this Case tomorrow.

Issue 6: The lab QC sample designated was for soil samples only - no water
lab QC sample was designated. The lab will wait for remaining samples
before choosing QC for water samples, if none is listed on the next TR/COC.
Resolution 5: Per the Region, the water QC sample was shipped today. It

is
MY0SM0.

Please note all issues in the SDG narrative and please let me know if you
have any other questions or problems.

Thanks,
Holly

Holly Rogers Sturdavant
CSC
CLP Coordinator for Regions 3 & 9
703-264-9526
holly.sturdavant@dyncorp.com or holly.rogers@dyncorp.com

-----Original Message-----
From: Freitas.Richard@epamail.epa.gov
[mailto:Freitas.Richard@epamail.epa.gov]
Sent: Thursday, March 20, 2003 3:51 PM
To: Sturdavant, Holly
Cc: Steve Remaley (E-mail)
Subject: Re: Region 09 | Case 31520 | Lab BONNER | Issue Multiple

Response to questions

From: "Sturdavant, Holly"<Holly.Sturdavant@dyncorp.com>

To: Richard Freitas/R9/USEPA/US@EPA, Steve Remaley/R9/USEPA/US@EPA

cc:
Subject: Region 09 | Case 31520 | Lab BONNER | Issue Multiple
03/20/2003 10:50 AM

Rich,

Following is an email from BONNER regarding samples received for Case 31520.
The lab has the following issues with samples received.

Issue 1: The lab was scheduled to receive 4 each, soil & water. The lab
received 5 soil & 4 water and the Case is not complete. Can the sampler provide a reason for overshipment?
Response: Three extra samples were required. Not known in advance.

Issue 2: The custody seals are present and intact, but are not preprinted
with numbers, just handwritten signature and date.
Respond: Unknown. Samplers used regular custody seals as provided by region
9

Issue 3: No sample tags on the containers and none listed on the TR/COC.
This issue can be resolved using Region 9 Standard Answers.

Issue 4: Two of the groundwater samples (MY0SL3 and MY0SL4) seem to contain a lot of solid (soil) matter. Should the lab analyze these samples
as two-phase samples or as aqueous only?
Response: Analyze as aqueous only. These are water samples with excess sediment entrained.

Issue 5: The TR/COC indicates that the shipment for case is not complete.
The lab will wait for remaining samples before assigning SDG numbers.

Is
this acceptable to Region 9?
Response: Yes.

Issue 6: The lab QC sample designated was for soil samples only - no water
lab QC sample was designated. The lab will wait for remaining samples before choosing QC for water samples, if none is listed on the next TR/COC.
Response: The QC samples were shipped today. It is MY0SMO.

Please advise on how the lab should proceed regarding issues 1,2,4,5, and 6.

Thanks,
Holly

Holly Rogers Sturdavant
CSC
CLP Coordinator for Regions 3 & 9
703-264-9526
holly.sturdavant@dyncorp.com or holly.rogers@dyncorp.com

-----Original Message-----
From: Laurie Rinko [mailto:lrinko@batco.com]
Sent: Thursday, March 20, 2003 11:49 AM
To: Sturdavant, Holly
Subject: Region 9 | Case 31520

Good Morning, Holly!

We received our shipment today, but there are a few discrepancies.

(1) We have not received a shipping notice, but the scheduling notice indicated 4 each, soil & water. We received 5 soil & 4 water.

(2) The custody seals are present and intact, but are not preprinted with
numbers, just handwritten signature and date.

(3) No sample tags on the containers and none listed on the TR/COC.

(4) Two of the groundwater samples (MY0SL3 and MY0SL4) seem to contain alot of solid (soil) matter. Are we to analyze these samples as two-phase
samples or as aqueous only?

(5) The TR/COC indicates that the shipment for case is not complete. I will wait for remaining samples before assigning SDG numbers.

(6) QC listed was for soil samples, but not for water samples. Again, I
will wait for remaining samples before choosing QC for water samples, if none is listed on the next TR/COC.

I will wait for resolutions from you before proceeding with sample analysis.
Thanks for your help.

Laurie Rinko
Bonner Analytical
Contract # 68W02067
Case 31520